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Subject: FW: Data Set 5-11
Date: 05/14/2010 01:18 PM

Rich Nickle

ATSDR Emergency Response

From: Edge, Charles (ATSDR/DTEM/PRMSB)
Sent: Friday, May 14, 2010 1:54 PM
To: Nickle, Richard (ATSDR/DTEM/PRMSB)
Subject: Data Set 5-11

ATSDR has reviewed the attached data packages sent on May 11, 2010 for both Region IV and Region VI.

Air sampling results from Region IV show the following:

Carbon Tetrachloride was detected at the 10-6 lifetime cancer risk at Stations MSAV001, MSAV002, ALAV001, FLAV001, FLAV002 on 5/1.

Carbon Tetrachloride was also detected at the 10-6 lifetime cancer risk at Stations ALAV001, FLAV002, FLAV001, MSAV001, MSAV002 on 5/2.

Chloroform was detected at the 10-6 lifetime cancer risk at Stations at ALAV001, MSAV001 on 5/2.

These levels were not sufficient to present a health concern. Other readings were unremarkable.

Air monitoring results from Region VI show the following: At Station V03, Hydrogen Sulfide was detected above odor detection on 5/10 throughout the day and CO was slightly elevated at 0900 and from 1600 - 2100. VOCs were also slightly elevated 5/10 at 0900. At Station V02, hydrogen sulfide was detected above the odor threshold on 5/10 from 1600 – 1700. Low LEL readings were also detected at Station V02 from 1600 – 2200 and may be due to the unloading or loading of fuel. Napthalene was also detected and slightly

elevated at Station V02. At Station V05, hydrogen sulfide was detected on 5/10 from 0300 – 0400 and from 0900 – 0000. In Chalmette, Station C02 indicated slightly elevated PM-10 levels on 5/10 at 0300 which could be due to railroad traffic at the hour. VOC concentrations were also slightly elevated on 5/10 at 1300. At Station C03, VOC concentrations were slightly elevated on 5/10 from 0000 – 0900 and from 1300 – 1500. Station C04 also indicated slightly elevated VOC readings on 5/10 at 1400.

Carbon Tetrachloride was detected at the 10⁻⁶ lifetime cancer risk at Stations C01, C02, and C03 on 5/3 and at Stations C02 and C03 on 5/4.

These levels were not sufficient to present a health concern. Other readings were unremarkable.

Water monitoring results from Region VI show the following: While several samples had elevated levels compared to the comparison values for antimony, arsenic, bis (2-ethylhexyl) phthalate, potassium, and sodium. These locations were in brackish or salt water in the gulf, so utilizing them for drinking is unlikely. Other readings were unremarkable.

Sediment monitoring results from Region VI show the following:

Arsenic in sediment was [elevated](#) at the following locations:

T001-0003-100506-SD-1

T001-0006-100506-SD-1

T001-0004-100506-SD-1

T001-0005-100506-SD-1

T002-0008-100506-SD-1

T002-1332-100506-SD-1

T002-1328-100506-SD-1

T002-1331-100506-SD-1

Iron in sediment was [elevated](#) at the following location:

T002-1332-100506-SD-1

Sodium and Total Organic Compounds in sediment were elevated at the following locations:

T002-1331-100506-SD-1

T002-1328-100506-SD-1

These reading could be associated with dredged soils associated with brackfish water that contains heavy metals.

ATSDR does not anticipate any increased hazard to human health related to the oil spill based on this data.

Charles Edge

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